Meeting Description: Michigan Geographic Framework Users Meeting
Date: April 8, 1999   **Time:** 10:00 a.m.
Location: Lewis Cass Bldg., 6th Floor, North Wing, Dept. of Management and Budget, Director's Conference Room

Scheduled Time			Actual Time		
Start	Stop	Total Hours	Start	Stop	Total Hours
10:00 a.m.	12:00 p.m.	2	10:00 a.m.	11:00 a.m.	1

I. Approval of March Meeting Minutes
   No changes were reported.

II. Geographic Framework Program
       A. MIC Project Update
   Rob Surber, MIC, distributed a current status map. Fourteen counties are in progress in Phase 2; an additional eight counties have all of MALI accounted for; and twenty-seven counties are totally completed. The progress is going well and they are increasing speed with the use of digital ortho photography.
   Gordon Rector, U.S. Bureau of the Census, asked if Phase 2 includes address information.
   Rob Surber, MIC, responded that address information would be part of the maintenance process. Phase 2 identifies all roads, naming all roads, correcting topology, adding new roads, making sure the linear referencing system is mapped, adding PR's (physical reference), point id's, and mile posts.
   Alden Leatherman, MIC, reported that the SEMCOG area has gone through TIGER (topologically integrated geographic encoding and referencing) address update.
   Rob Surber, MIC, reported that the MIC has started Macomb County and has begun to deal with some of the issues in the SEMCOG area - more freeways and ramps, etc.

       B. SEMCOG Project Update
   Steve Perry, SEMCOG, stated that Wayne County was delivered to the MIC on March 12.
   Rob Surber, MIC, stated that the MIC has processed most of SEMCOG counties and is now getting them prepared for Phase 2 production work.

III.   Michigan State Government Geographic Information Policy Council
       A. State Agency Survey Development
   Rob Surber, MIC, stated that the MIC has the survey ready for all state agencies. Screen captures were distributed to the group. The site will be unveiled at the Michigan State Government Geographic Information Policy Council meeting later this month. This survey will be used as part of a survey that will be sent out to the geographic data community at large. Rob went through the survey and gave the group a brief explanation of the different sections. The goal is to try to match users with producers and also to locate any duplication. This is a starting point for capturing Metadata that isn't already collected. The next step is to target key contact people to get more specific Metadata information. The survey will be Part 1 and a more detailed report will go out as a subsequent release. Council representatives will be communicating this with their departments. Rob is hopeful to have a good turn around and to have statistics for the clearinghouse presentation at the IMAGIN conference.
   Eric Swanson, MIC, stated that information collected in the summary form results would be posted on the same web site. This is a living document – users can come back in and keep it maintained and updated.

Rob Surber, MIC, added that it is possible that some categories may not have been included. Please advise us if you know of something that should be included. The goal is to make this an ongoing usable product. MIC and Imagin are working on a clearinghouse node. The clearinghouse will actually collect Metadata information and Imagin will be coordinating the surveys, release promotions, and encourage, people who have their Datalogr product to fill out information regarding their data sets on Datalogr. Hopefully will be able to provide tools for state agencies to be able to fill out their information. Metadata information will be posted on the site when it is received.

IV.   MDNR Projects and Activities
Gary Bilow, MDNR, stated that the 40-acre grid project is just about done. There are two counties to finish line work on and the QAQC (quality assurance and quality control) will be done. Will then have statewide 40-acre grid coverage based on the MIRIS section lines. They have a contract with M.S.U. Center for Remote Sensing and GIS to train field staff in GIS concepts and ArcView. Thirty people have gone through training. The land-use / land-cover 1978-79 data set has been converted into a GIS formatted file (GeoRef NAD 83) by M.S.U. and is in the final stages of QAQC. It will be available next week. Everything that the MDNR does will now be done in GeoRef NAD 83. MDNR is working on a site that talks about projections.

V. MDOT Projects and Activities
Joyce Newell, MDOT, stated that their major activities are keeping up with deliveries from MSI and getting roadway attributes onto framework. Have attributed a total of 19 counties. Every county received from MIC is either at MSI or on its way. They are in the process of making attributed files available on the MDOT server. People can actually pull up maps and see legal systems, functional classes, and bridges. They are currently involved in locating trunkline-related bridges for the permanent routings for oversized and overweight trucks. They have a deadline within next month (road-to-road bridges). They may want to reorder the way they send data to MSI and have them just do bridges on Phase 2 product and then return them to MDOT and edit later. When files are out on the server, they will then make available by Internet. They are unsure what software they will be using. Maps on the server show functional classes, national highway systems, legal systems, rural versus urban, bridge locations. They also want to make available feature names, PR numbers, mile points, control section mile points – with bridges being the main focus. SEMCOG is interested in bridges also and wants to have them attributed.

VI.   MIC Projects and Activities
        A. Statewide Land Database – EIS
Rob Surber, MIC, reported that MIC finished the survey of state agencies for the SWLDB (Statewide Land Database) EIS (Executive Information System.) Most of the information is back in MIC's office – still trying to collect a few data sets. Now compiling information and pulling it together for the Tri-County area (Ingham, Eaton, and Clinton Counties.) Have been doing database modeling for all of the database elements that have been identified as being important for the EIS system. This EIS system will be like a data warehouse. It will not be an operational system, but will be online access of high demand queries of state lands, facilities, and infrastructure. They plan to have the prototype completed in a couple of months. It will be a web-based product. Will be providing information to Bill Enslin, MSU Center for Remote Sensing and GIS, since they are working with MIC to provide interface.
Eric Swanson, MIC, stated that the MIC did an extract of Eaton County REIS (Real Estate Information System) data and put it into the 40-acre grid. 19 out of 100+ records fell out due to the lack of quarter-quarter section identification in the REIS database. When they bring data sets together, they will be able to identify areas that need maintenance in the various agency databases.
Rob Surber, MIC, added that MIC would bring the data into an Oracle database to link into ArcInfo.

B. Redistricting Status

Rob Surber, MIC, stated that they would have been done with the election geography, but some counties are frozen because they are being worked on in Phase 2. Basically they are either at MSI, being worked on in Phase 2, or county just received from SEMCOG. They are finishing 1996 and 1998 election precincts and they will be used as input and tied into the Census Bureau's boundaries TIGER line files. The MIC does an initial build of the city and township boundaries. These boundaries are further refined in Phase 2 – may make minor topological edits.

Eric Swanson, MIC, reported that John Clark, DEQ, has agreed to train the redistricting committee – representatives from legislative leaders' offices, governor's office, and the Secretary of State's office. It will be ArcView training in May.

VII. MDEQ Projects and Activities

Steve Miller, MDEQ, reported that they haven't moved forward on their Drinking Water Program in terms of using Map Objects and SDE. They are in the process of reconfiguring their new server. Their GIS person, Katie Jones, just accepted job with another state agency.

John Clark, MDEQ, is working on a web page for Land and Water GIS. It will have watersheds that can be downloaded. It will be in an ArcView shape file format unprojected. FEMA's Q3 flood data and Reach File 3 data will also be put on the web in ArcInfo coverages unprojected. The web site address is www.deq.state.mi.us/lwm/water_mgmt/gis.

Eric Swanson, MIC, commented that MDEQ's web site address could be an interface for part of the clearinghouse, as can MDNR and others.

Rob Surber, MIC, stated that Mark Coppersmith, U.S.G.S. (United States Geological Survey), is getting geared up to be able to take data, once ready, from the Macatawa area between Ottawa and Allegan Counties. Mark also mentioned the Black River in Van Buren County, but that's not going to be ready.

Steve Miller, MDEQ, commented that there is confusion because the hydrological basin encompasses a lot of the local drainage base. MDEQ intends to focus on the northern part of the Macatawa Basin.

Rob Surber, MIC, added unofficially that he thought U.S.G.S. indicated that the National Hydrography data set should be available some time in April or May.

VIII.   SEMCOG Projects and Activities

Steve Perry, SEMCOG, stated that they are currently working on cleaning up the census block coverages for the SEMCOG region. They are also working on their MCD (Minor Civil Division) coverage – currently the boundaries connect to international border along the lakes.

John Clark, MDEQ, added that when he worked on the shoreline, he found that the MIRIS base was updated for topography for southeast Michigan. When John put the watershed boundaries together, he needed a clean shoreline without piers and docks etc. The water levels were down and the shoreline changed - that's why it looks good.

Rob Surber, MIC, commented that Metadata will identify exactly what the data is and where it came from. Rob asked how many people in the group have worked with block level data. Several people responded that they have.

Steve Perry, SEMCOG, responded that they get a lot of requests from outside their agency for data by block.

Rob Surber, MIC, stated that areas outside of the SEMCOG area have not been scheduled for building blocks into the framework other than what is already there.

Paul Hamilton, Tri-County Regional Planning Commission, stated that according to his understanding, Federal Highway standards require that they do work on TIGER 98 instead of framework (which he perceives would be more accurate.) Paul has been trying to urge MDOT to discuss this with the Bureau

and MIC because it affects geography and CTPP (Census Transportation Planning Program) divisions and federal highways. It is a significant issue in terms of TAZ (Transportation Analysis Zones.)

Joyce Newell, MDOT, stated that their staff is uncertain as to when they are supposed to get back to the Bureau.

Gordon Rector, U.S. Bureau of the Census, stated that they don't get into the TAZ program at the regional level. That program is run out of the Federal Highway program at headquarters. He could give them a name of a contact person to call in Washington.

IX.   Tri-County Regional Planning Commission Projects and Activities

Paul Hamilton, Tri-County, stated that they are waiting for a shipment of TAZ in TIGER 98. In the meantime, they are in the process of taking 1995 socio-economic base data out for local review. They are generating maps of the traffic zones. They have $450,000 Growth Trends Project-"Choices for the Future." They are finalists for a Transportation Community Assistance Preservation Pilot Program through Federal Highways, for $355,000, which would add additional mapping and GIS – including a GIS application on framework which would evaluate the relationship of roadway construction. They are interested in the technique that was done on mile grids in Oregon and want to talk to MDNR about using the 40-acre grid. Incorporated in the project, with or without federal money, is the MIRIS update for land-use. Tri-County has had a draft RFP (request for purchase) since September. They need to have the work done by November. It will update land-use coverage for the 1995 photography and clean-up 1978 stuff. Then they will do an analysis of the trends at the MCD level. Paul hopes to have people in the Michigan GIS User's group serve as a review team for proposals

X.   MSU Center for Remote Sensing and GIS Projects and Activities

Nobody in attendance.

XI.   County/Local Projects and Activities

Zabair Ahmad, City of Lansing, stated that the City of Lansing has two ArcView coverages. One is for the 44,000 city parcels and has unique ID's. The second is a database providing information to the Planning Office and the Assessor's Office, which they find useful. These coverages are not linked to the coordinate system at this time and have not been tested for accuracy as far as scale of map. Another coverage is the city street map, used for the PMS (Pavement Management System) database for planning the annual maintenance program. Zubair's intent in attending the Michigan GIS Users' meeting was to see where Lansing fits in.

XII.   U.S. Census Bureau Regional Planning Commission Projects and Activities

Gordon Rector, U.S. Bureau of the Census, stated that they are doing a once-a-decade update of TIGER. They are taking information from field listers as they do the Block Canvass to check address lists, add new streets and addresses, and then digitize into TIGER. This also has the potential of adding garbage into TIGER. Right now they are digitizing in Phase 2 of Block Canvass of the SEMCOG area and most of the western counties (but not quite to the lake) up to the middle of the state. Phase 3, the remainder of the Lower Peninsula and the Upper Peninsula, will be digitized over the next 6 weeks. All information gets a flag that explains where the information came from this operation. Another program putting updates into TIGER is the LUCA (Local Update of Census Addresses) where local governments had a chance to get the Census Bureau's maps and address lists. Updates are then digitized in. Where there are differences, they try to reconcile them. There are about 500 Michigan communities participating in the LUCA program. Once the address work is processed from Block Canvas operation, it is matched against the LUCA information.

Gordon Rector, U.S. Bureau of the Census, stated that there is a TIGER line coming out later this spring that will go out to rural Michigan communities as they do their review of the address lists with a lot

of updates from LUCA. This will be the last release before pre-census TIGER. Pre-census TIGER will have 2000 collection blocks, basically in place except where ongoing updates might split blocks. Temporarily these split blocks will get an alpha suffix but will later be assigned a block number for tabulation.

   Rob Surber, MIC, commented that the MIC is interested in taking the 2000 census boundary areas to the framework data.

XIII.   Federal Projects and Activities
   Bill Kempisty, U.S. Army Corps of Engineers, had nothing new to report.

XIV. Other Issues
   Jim Best, MSI, distributed a status map. They have completed the attribution of 17 counties and 3 more counties are on the board.
   Joyce Newell, MDOT, stated that their office is pleased with the quality of the work done on the more recent counties from MSI.

   Paul Hamilton, Tri-County Regional Planning, distributed a memo from Transportation Research Board (a national committee) regarding Rough Syntheses of GIS-T 2000 Idea. Paul needs to get comments back to committee members by the end of this month. This is primarily an academic and research committee in terms of applications in the transportation community. There are a number of federal agencies represented.
   Eric Swanson, MIC, commented that under the guise of framework, there are seven themes. U.S.G.S. stated they would take custodial care of three themes (hydro, digital orthos, and digital elevation models.) The other four themes (transportation being one of them) are hanging. Eric is looking for the federal entity to take custodial care of the mapping aspect.
   Paul Hamilton, Tri-County Regional Planning, responded that he thought it would be the Federal Bureau of Transportation and Statistics.

   Rob Surber, MIC, stated that if anyone has information to share with the Michigan GIS Users' Group, send the information prior to the meeting and it will be added to the agenda. Fax number is (517) 373-2939 or you may e-mail Millie Watson at watsonm1@state.mi.us.

XV.   Next Meeting Date
   Thursday, May 13, 1999, 10 a.m. until noon, Lewis Cass Building, 320 S. Walnut, Lansing, MI 48933 - 6th Floor, North Wing, Dept. of Community Health, Director's Conference Room

** If any changes or corrections are to be made to these minutes, please contact the Michigan Information Center at (517) 373-7910.